Package ‘awsjavasdk’

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Type Package
Title Boilerplate R Access to the Amazon Web Services ('AWS') Java SDK
Version 0.2.0
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Description Provides boilerplate access to all of the classes included in the Amazon Web Services ('AWS') Java Software Development Kit (SDK) via package:'rJava'. According to Amazon, the 'SDK helps take the complexity out of coding by providing Java APIs for many AWS services including Amazon S3, Amazon EC2, DynamoDB, and more'. You can read more about the included Java code on Amazon's website: <https://aws.amazon.com/sdk-for-java/>.

URL https://github.com/zapier/awsjavasdk
BugReports https://github.com/zapier/awsjavasdk/issues
License GPL-2
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Author Russell Pierce [aut, cre]
Maintainer Russell Pierce <russell.pierce@zapier.com>
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aws_sdk_present

Confirm presence of core SDK jar

Description
Confirm presence of core SDK jar

Usage
aws_sdk_present(assert = false)

Arguments
assert If TRUE, the absence of the SDK will throw an error

Details
Note that this only checks for the ability to locate the core AWS SDK jar

Value
Boolean reflecting whether the SDK could be located

Examples
aws_sdk_present()

aws_sdk_root
Get the root directory for the AWS Java SDK

Description
Get the root directory for the AWS Java SDK

Usage
aws_sdk_root()

Value
character
aws_sdk_version

Description
Find AWS SDK Version

Usage
aws_sdk_version()

Value
character, AWS SDK Version and standard character prefix `aws-java-sdk-` as in the unpacked directory name

Examples
```r
## not run:
aws_sdk_version()

## End(Not run)
```

install_aws_sdk

Install the AWS Java SDK

Description
This function fetches and unpacks the AWS Java SDK to a package managed directory. If the Java SDK is already present, it will wipe that location and re-download and unpack the file present at `https://sdk-for-java.amazonwebservices.com/latest/aws-java-sdk.zip`

Usage
install_aws_sdk(root = .package_envir_get("sdk_file_root"))

Arguments
root
The root folder that will contain the SDK

Value
boolean; TRUE if the SDK can now be located, FALSE if it can not be located
Examples

## Not run:
install_aws_sdk()

## End(Not run)

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### load_sdk

**Load AWS Java SDK**

**Description**

Load AWS Java SDK

**Usage**

```r
load_sdk()
```

**Value**

As rJava::jpackage(), invisible TRUE if the initialization was successful

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### set_sdk_file_root

**Specify an alternate root directory in which to store and retrieve the SDK.**

**Description**

Specify an alternate root directory in which to store and retrieve the SDK.

**Usage**

```r
set_sdk_file_root(root = .app_dir$data(), confirm = FALSE)
```

**Arguments**

- `root` character a path location the contents of which may be deleted without confirmation
- `confirm` boolean Allows the use of a non-empty sdk_file_root

**Note**

This feature is required by the CRAN maintainers. Although it is useful, it has not been as thoroughly tested as using the default package selected directory.
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